

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("20020099135"   "20040126607"   "20050077413"   "3639147"   "5678613"   "5983473"   "6958127").PN.	USPAT; USOCR	OR	OFF	2008/08/14 09:43
S2	1	"09/969975".app.	US-PGPUB	OR	ON	2008/08/14 09:46
S3	1	10/664529.app.	US-PGPUB	OR	ON	2008/08/14 09:47
S4	1	10/491007.app.	US-PGPUB	OR	ON	2008/08/14 09:47
S5	1	("5279336").PN.	USPAT; USOCR	OR	OFF	2008/08/14 10:02
S6	23	("4252157"   "4834148"   "4947902"   "4953598"   "5217049").PN. OR ("5279336").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 10:02
S7	1	10/550959.app.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 10:47
S8	29	((TAKAHIRO) near2 (NAGAOKA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 11:33
S9	33	((ICHIRO) near2 (KUSAKARI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 11:37
S10	98	"140"/\$.ccls. and (binding or winding) and (reel or bobbin) and (sensor or detector or indicator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:41
S11	2989	"242"/\$.ccls. and (binding or winding) and (reel or bobbin) and (sensor or detector or indicator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:41

S12	2352	"242"/\$.ccls. and (binding or winding) and (reel or bobbin) and (sensor or detector or indicator) and rotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:42
S13	1998	"242"/\$.ccls. and (binding or winding) and ((reel or bobbin) same (sensor or detector or indicator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:51
S14	794	"242"/\$.ccls. and (binding or winding) and ((reel or bobbin) near5 (sensor or detector or indicator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:51
S15	616	"242"/\$.ccls. and (binding or winding) and ((reel or bobbin) near5 (sensor or detector or indicator)) and rotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:52
S16	66	"242"/\$.ccls. and (binding or winding) and ((reel or bobbin) near5 (sensor or detector or indicator)) and rotation and (twist or twisting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:52
S17	1	10/491007.app.	US-PGPUB	OR	ON	2008/08/14 12:59
S18	14	("2435086"   "3292170"   "4190216"   "4236449"   "4286487"   "4834148"   "4865087"   "4878607"   "5279336").PN. OR ("5515887").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 13:15
S19	1	("6338263").PN.	USPAT; USOCR	OR	OFF	2008/08/14 13:53
S22	168	140/93.6.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 14:45

S23	199	140/93A.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 14:45
S24	341	140/119.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 14:45
S25	525	140/149.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 14:45
S26	397	242/563.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S27	276	242/563.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S28	303	242/588.6.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S29	192	242/601.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S30	246	242/912.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S31	23	242/913.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S32	205	72/37.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:06

S33	74	72/6.1-19.9.ccls. and ((detector or sensor) near5 (reel or rotation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 10:04
S34	334	140/93.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/17 13:35
S35	112	140/57.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/17 13:43
S36	1	("6401766").PN.	USPAT; USOCR	OR	OFF	2008/08/17 14:03
S37	1	("5678613").PN.	USPAT; USOCR	OR	OFF	2009/03/15 17:47
S38	1	("6125338").PN.	USPAT; USOCR	OR	OFF	2009/03/15 17:47
S39	1	("7469724").PN.	USPAT; USOCR	OR	OFF	2009/03/15 18:31
S40	43	(detect or detected or detection) near5 "wire reel"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/15 18:32
S41	1	("5874816").PN.	USPAT; USOCR	OR	OFF	2009/03/15 18:35
S42	1	(count or counting or counted) near5 "wire reel"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/15 18:51
S44	1	("7469724").PN.	USPAT; USOCR	OR	OFF	2009/03/16 09:02
S45	1	("7327056").PN.	USPAT; USOCR	OR	OFF	2009/03/16 09:03

S46	13	("20010033118"   "20030108708"   "4024446"   "4214249"   "4683410"   "5177393"   "5239218"   "5245234"   "5463263"   "5532533"   "5598201"   "6111384"   "6737781").PN. OR ("7327056").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 09:05
S47	20	("3293459"   "3864588"   "4255696"   "4353016"   "4509001"   "4532447").PN. OR ("5239218").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 10:07
S48	258	700/122.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/16 10:08
S49	44	700/126.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/16 10:08
S50	13	("3145294"   "4052599"   "4151403"   "4280159"   "4335439"   "4411008"   "4535949"   "4549268"   "4635216"   "4755888").PN. OR ("5136526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 10:47
S51	1	("5664735").PN.	USPAT; USOCR	OR	OFF	2009/03/16 14:40
S52	1	("5310125").PN.	USPAT; USOCR	OR	OFF	2009/03/16 15:01

S53	189	((wind or winding or reel or reeling) near3 wire) and ((sense or sensor or sensing or detect or detecting) near2 (count or counting or mark))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/16 15:24
S54	1	("6338263").PN.	USPAT; USOCR	OR	OFF	2009/03/16 15:30
S55	50	(US-20060283516-\$ or US-20040244866-\$ or US-20080134908-\$ or US-20050005992-\$ or US-20050087646-\$ or US-20070227613-\$ or US-20050061389-\$ or US-20090126824-\$ or US-20060254666-\$). did. or (US-7143792-\$ or US-5983473-\$ or US-4511424-\$ or US- 4601774-\$ or US- 5613530-\$ or US- 5826629-\$ or US- 6000443-\$ or US- 6343764-\$ or US- 7051650-\$ or US- 7147179-\$ or US- 4384531-\$ or US- 6025018-\$ or US- 4448015-\$ or US- 5515887-\$ or US- 7469724-\$ or US- 4769286-\$ or US- 7353846-\$ or US- 4368014-\$ or US- 5858138-\$ or US- 5861073-\$ or US- 5878489-\$ or US- 6041841-\$ or US- 6062265-\$ or US- 6067829-\$ or US- 6112813-\$ or US- 3591103-\$).did. or (US- 3667509-\$ or US- 3665588-\$ or US- 3794209-\$ or US- 4253570-\$ or US- 4253569-\$ or US- 4487000-\$ or US- 4516831-\$ or US- 4568008-\$ or US- 4610749-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/08/24 15:55

		4619411-\$ or US- 4828001-\$ or US- 4884958-\$ or US- 5207856-\$ or US- 5359222-\$ or US- 5435351-\$).did.				
S57	208	((wind or winding or reel or reeling) near3 wire) and ((sense or sensor or sensing or detect or detecting) near2 (count or counting or mark))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/25 10:05
S58	1	("5310125").PN.	USPAT; USOCR	OR	OFF	2009/08/25 10:37
S59	10	("3462091"   "4022391"   "4170951"   "4184644"   "4244539"   "4848135"   "5029619"   "5036174"   "5080295").PN. OR ("5310125").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/25 10:38
S60	32	("2900145"   "3433434"   "3544035"   "3822831"   "3951355"   "4022391"   "4086472").PN. OR ("4244539").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/25 12:02

**EAST Search History (Interference)**

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